



|   |  |   |
|---|--|---|
| <b>Index of Claims</b><br><br> | <b>Application/Control No.</b><br><br>10589766 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>BEUN ET AL. |
|   | <b>Examiner</b><br><br>JEREMIAH AVERY          | <b>Art Unit</b><br><br>2431                                       |

|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
| = | <b>Allowed</b>  | ÷ | <b>Restricted</b> | I | <b>Interference</b> | O | <b>Objected</b> |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |            | <input type="checkbox"/> CPA |  |  | <input type="checkbox"/> T.D. |  |  | <input type="checkbox"/> R.1.47 |  |  |
|--|----------|------------|------------------------------|--|--|-------------------------------|--|--|---------------------------------|--|--|
| CLAIM  |          |            | DATE                         |  |  |                               |  |  |                                 |  |  |
| Final  | Original | 09/08/2011 |                              |  |  |                               |  |  |                                 |  |  |
|  | 1        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 2        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 3        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 4        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 5        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 6        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 7        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 8        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 9        | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 10       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 11       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 12       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 13       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 14       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 15       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 16       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 17       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 18       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 19       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 20       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 21       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 22       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 23       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 24       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 25       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 26       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 27       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 28       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 29       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 30       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 31       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 32       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 33       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 34       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 35       | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 36       | ✓          |                              |  |  |                               |  |  |                                 |  |  |

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|--|----------|---|------|--|--|--|--|--|--|------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|
| CLAIM  |          |   | DATE |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
| Final  | Original |   |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 37       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 38       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 39       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 40       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 41       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 42       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 43       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 44       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 45       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 46       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 47       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 48       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 49       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 50       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 51       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 52       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 53       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 54       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 55       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 56       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 57       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 58       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|  | 59       | ✓ |      |  |  |  |  |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |